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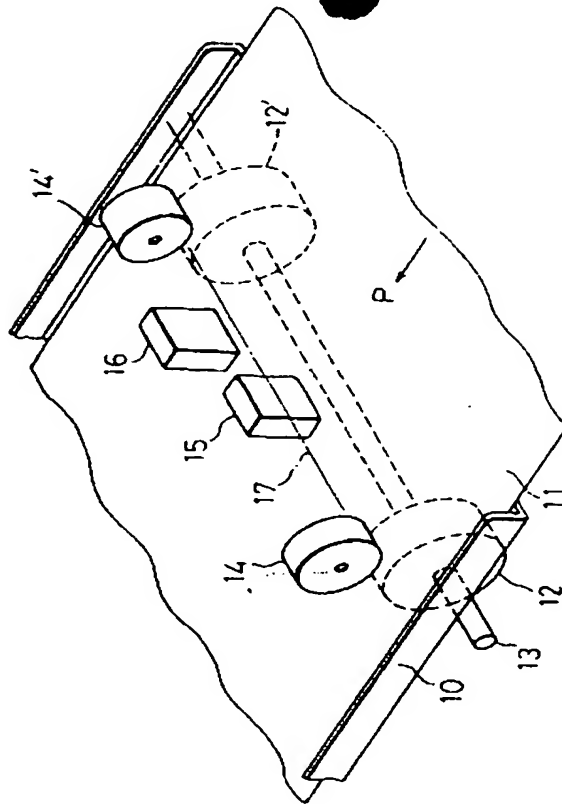
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APPLICANT : FUJITSU LTD;

INVENTOR : KANO MASAKI;

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TITLE : PAPER FEED MECHANISM FOR
HORIZONTAL SERIAL PRINTER



ABSTRACT : PURPOSE: To provide a paper feed mechanism of simple construction and stable paper setting for a horizontal serial printer, by mounting a medium setting sensor and a stoppage sensor between two feed rollers.

CONSTITUTION: A sensor 15 for detecting the setting of a medium and a stoppage sensor 16, which detects the upper end of the medium which is used as a reference for the printing position on the medium, are mounted between feed rollers 12, 12'. The sensor 15 is located near upstream to the contact line 17 of the medium 11 and the rollers 12, 12' with regard to the processing direction P of the medium. The other sensor 16 is located downstream to the contact line 17. When the medium 11 is inserted in between the rollers 12, 12' and pinch rollers 14, 14', the medium is detected by the sensor 15. Since the sensor 15 is located near the contact line 17, the medium 11 is not detected when it is obliquely inserted. The medium is thus prevented from remaining obliquely inserted.

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